

SYLLABUS

Course Title: Art and Science of Photography

Course Code: PCPHYCC01

Total Hours: 30 (20 Hrs. Theory + 10 Hrs. Field work)

Course Outcome:

- Help students to understand the history of photography
- Understanding optical theories associated with the art of photography
- Equip the students with technical knowhow of the usage of camera
- Provide students hands-on training to reach professional grade.

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Module - 1 History of Photography 4 Hrs.

History of Photography - camera obscura - film camera - digital camera - DSLR

Module - 2 Physics of Photography 2 Hrs.

Module - 3 Technical elements 4 Hrs.

Technical elements in controlling exposure - ISO - shutter speed - camera control - F stop - camera sensor - white balance - focus depth of field - lenses

Module - 4 Art of composition 6 Hrs.

Art of composition - rule of thirds - golden spiral rule - complementary colours

Module -5 Introduction to street Photography 4 Hrs.

Introduction to street photography - work of masters

Field work and Practice 10 Hrs.

References

1. A textbook of digital photography by Dennis P Curtin
2. Genesis by Sebastian Salgado
3. Suffering of Light by Alex Webb